产品名称：**Bafetinib(INNO-406)**
产品别名：**Bafetinib；巴氟替尼 ； NS-187**

<table>
<tr><td colspan="6">生物活性：</td></tr>
<tr><td>Description</td><td colspan="5">Bafetinib is a Lyn and Bcr-Abl tyrosine kinase inhibitor with potential antineoplastic activity.</td></tr>
<tr><td rowspan="5">Solvent&Solubility</td><td colspan="5">In Vitro:
DMSO : ≥ 42 mg/mL (72.84 mM)
* "≥" means soluble, but saturation unknown.</td></tr>
<tr><td rowspan="4">Preparing Stock Solutions</td><td>Solvent / Mass / Concentration</td><td>1 mg</td><td>5 mg</td><td>10 mg</td></tr>
<tr><td>1 mM</td><td>1.7342 mL</td><td>8.6712 mL</td><td>17.3424 mL</td></tr>
<tr><td>5 mM</td><td>0.3468 mL</td><td>1.7342 mL</td><td>3.4685 mL</td></tr>
<tr><td>10 mM</td><td>0.1734 mL</td><td>0.8671 mL</td><td>1.7342 mL</td></tr>
<tr><td colspan="5">*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液；一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。
储备液的保存方式和期限：-80°C, 6 months; -20°C, 1 month。-80°C 储存时，请在 6 个月内使用，-20°C 储存时，请在 1 个月内使用。</td></tr>
<tr><td>References</td><td colspan="5">[1]. Grace MS, et al. The tyrosine kinase inhibitor bafetinib inhibits PAR2-induced activation of TRPV4 channels in vitro and pain in vivo. Br J Pharmacol. 2014 Aug;171(16):3881-3894.
[2]. Kimura S, et al. NS-187, a potent and selective dual Bcr-Abl/Lyn tyrosine kinase inhibitor, is a novel agent for imatinib-resistant leukemia. Blood. 2005 Dec 1;106(12):3948-3954.
[3]. Kamitsuji Y, et al. The Bcr-Abl kinase inhibitor INNO-406 induces autophagy and different modes of cell death execution in Bcr-Abl-positive leukemias. Cell Death Differ. 2008, 15(11), 1712-2172.
[4]. Yokota A, et al. INNO-406, a novel BCR-ABL/Lyn dual tyrosine kinase inhibitor, suppresses the growth of Ph+ leukemia cells in the central nervous system, and cyclosporine A augments its in vivo activity. Blood. 2007, 109(1), 306-314.</td></tr>
</table>